

UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Group: Attorney Docket # 1960

Applicant(s) : HEISRICH, M.

Serial No. :

Filed :

For : STATOR

SIMULTANEOUS AMENDMENT

January 22, 2002

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

S I R S:

Simultaneously with filing of the above identified application
please amend the same as follows:

In the Claims:

Cancel all claims without prejudice.

Substitute the claims attached hereto.

REMARKS:

This Amendment is submitted simultaneously with filing of the above identified
application.

With the present Amendment applicant has amended the claims so as to eliminate
their multiple dependency.

Consideration and allowance of the present application is most respectfully
requested.

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[illegible]

What is claimed is:

1. A stator (1), in particular for an electrical internal rotor motor, comprising at least one stator pole tooth (7), comprising at least one preassembled coil (11) that is slid onto the stator pole tooth (7) and secured to it, wherein the coil (11) is secured to the stator pole tooth (7) by means of a pole shoe (15).
2. The stator according to Claim 1, wherein a coil form (28) is located on the pole shoe (15).
3. The stator according to Claim 1 [or 2], wherein the pole shoe (15) is made of a magnetically soft solid material.
4. The stator according to [one or more of the Claims 1 through 3] claim 1, wherein the coil form (28) is integrally extruded on the pole shoe (15).
5. The stator according to Claim 3 [or 4], wherein the coil form (28) comprises at least one electrical connecting element (34).
6. The stator according to Claim 5, wherein the electrical connecting element (34) is a pin (38).

7. The stator according to [one or more of the Claims 1 through 4] claim 1,
wherein
the pole shoe (15) is secured to the stator pole tooth (7) by means of
press fit.

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What is claimed is:

1. A stator (1), in particular for an electrical internal rotor motor, comprising at least one stator pole tooth (7), comprising at least one preassembled coil (11) that is slid onto the stator pole tooth (7) and secured to it, wherein the coil (11) is secured to the stator pole tooth (7) by means of a pole shoe (15).
2. The stator according to Claim 1, wherein a coil form (28) is located on the pole shoe (15).
3. The stator according to Claim 1, wherein the pole shoe (15) is made of a magnetically soft solid material.
4. The stator according to claim 1, wherein the coil form (28) is integrally extruded on the pole shoe (15).
5. The stator according to Claim 3, wherein the coil form (28) comprises at least one electrical connecting element (34).
6. The stator according to Claim 5, wherein the electrical connecting element (34) is a pin (38).

7. The stator according to claim 1,
wherein
the pole shoe (15) is secured to the stator pole tooth (7) by means of
press fit.